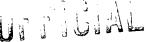
FAX RECEIVED

JUN 3 0 2003



PATENT

GROUP 1600

Docket No. 290.00330101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE				
Applicant(s):	Nancy W.Y. Ho et al.)	Group Art Unit:	1653
Serial No.:	09/180,340)	Examiner:	Hope A. Robinson
Confirmation No.: 6674)		
Filed:	20 August 1999)		
For:	STABLE RECOMBINANT YEASTS FOR FERMENTING XYLOSE TO ETHANOL			

FACSIMILE TRANSMISSION TO THE PTO

Assistant Commissioner for Patents

Attn: Examiner Robinson

P.O. Box 1450

Alexandria, VA 22313-1450

FAX NUMBER: 703-872-9306

Total Pages (including cover page): 21

Time: 2:00 pm (Central Time)

(Transmission must be complete by midnight eastern time.)

The following papers are being transmitted to the Patent and Trademark Office by facsimile transmission: Amendment and Response (20 pages total, including Appendix A 6 pages))

X Small Entity Status is entitled to be asserted in the above-identified application.

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895.

Mueting, Raasch & Gebhardt, P.A. Customer Number: 26813

ZOOIS PATÉNT TRAFF

D... (

David L. Provence Reg. No. 43,022

Direct Dial (612)305-1005

27 Lune 2003

Signature: 10 Caruly K. 101619

Name: JACQUELVN K. TORBORG

If you do not receive all pages, please contact us at (612)305-1220 (ph) or (612)305-1228 (fax).

MUETING RAASCH GEBHARDT

PATENT 122/03

Docket No. 290.00330101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Nancy W.Y. Ho et al.

Serial No.: 09/180,340

Confirmation No.: 6674

Filed: 20 August 1999

Group Art Unit: 1653

Examiner: Hope A. Robinson

For: STABLE RECOMBINANT YEASTS FOR FERMENTING XYLOSE TO ETHANOL

AMENDMENT AND RESPONSE

Assistant Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed 27 March 2003, please amend the aboveidentified application as follows:

In the Claims

Please amend claims 1, 14, 18, 23, 25, 27 and 30. The amended claims are provided below in clean form. Per 37 C.F.R. §1.121, amended claims are also shown in Appendix A with notations to indicate changes made (for convenience, all pending claims, are provided in Appendix A).

A yeast which ferments xylose to ethanol, comprising:

genes integrated at each of multiple reiterated ribosomal DNA sites of the yeast, said

genes encoding xylose reductase, xylitol dehydrogenase, and xylulokinase.

14. A method of integrating multiple copies of exogenous DNA into reiterated chromosomal DNA of cells, comprising:

Received from < 6123051228 > at 6/27/03 3:01:30 PM [Eastern Daylight Time]